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MONSANTO

From: Gordon A. Grundmann CS6G Corporate Engineering (4-6112)
cc: D.R. Bowers CS6G
Date: October 15, 1984 L.V. Bumbicka 1740
R.M. Calles CS6G
Subj: Project Progress Meeting M.A. Coco Alberici
E.R. Hartman CS6G
Re: CEA 3808 - Main South Trunk Sewer P.R. Hoemann 1740
L.C. Kreh F2ED
TO: T.N. Carrico 1740 F.A. Mayse CS6G
W.C. Koester Alberici R.J. Murphy 1740
K.W. Lichtenheld CS6G R.L. Wiese CS6G
C.J. Lotz Alberici T.W. Wright CS6G
R.L. Nelson 1740
O.N. Shipley 1740

Following are minutes of the meeting held at the CED construction trailers on 10/11/84 at 10:00 a.m.

1. Construction Progress

Alberici signed a contract with the Local Laborers Union on 10/02/84. As a result, Alberici moved on site on 10/03/84 and began some exploratory excavation. Several items have been accomplished:

- a. The 42" bell stub out on the sewer inlet box near Highway 3 has been uncovered. Elevations are being checked.
- b. The benzene line has been uncovered and found to be in the way of the new sewer line. Preparations to relocate the benzene line are in progress. The plant has furnished a revised routing and a long radius elbow has been purchased and received.
- c. Portions of the existing fire main have been uncovered to see if they will interfere with the sewer work. Temporary fire main work has already been completed to insure fire protection while interfering lines are removed from service during construction.

2. 42" VCP Pipe Delivery

Alberici and Monsanto personnel visited the pipe vendor's shop on 10/09/84 to inspect the 42" pipe for acceptability as well as clarify specification requirements. The vendor will proceed with hydrostatic testing of the pipe and should ship the first lot in 2-3 weeks. This schedule will not delay construction work.

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3. 42" VCP Joint Material Testing

Full scale tests have been made on 42" pipe sections to allow evaluation of substitute materials for caulking and back joint materials. A hydrostatic test of the 42" pipe sections is planned for 10/15/84. After this test, the joints will be cut so that they can be viewed in cross sections. The results of this testing should allow a decision on these joint materials the week of 10/15/84. (Lichtenheld, Nelson, Alberici).

The two materials being evaluated are as follows:

- a. A furan based material is being tested as a substitute caulking material for asbestos roving which is no longer available.
- b. An epoxy back-joint material is being tested as a substitute for hot-poured sulfur since it is safer to work with as well as being stronger.

4. Manhole 1-CC Change

A Project Change Notice has been processed which replaces the 36" riser pipe concept with a standard acid brick-lined manhole on manhole 1-CC. Shipley to write CFO.

5. Trestles

Three trestles are required to allow continued rail access to ACL during a construction period which would last approximately 3-months. A preliminary design on these trestles and supporting piling indicates they are costly.

Chris Lotz of Alberici has proposed an alternate idea which would eliminate the need for trestles. The two existing spur tracks east of ACL could possibly be extended north to tie into the track running north and south along "H" Street. Nelson to review the feasibility of this concept from a plant standpoint. Alberici to obtain rough prices to do the work.

The trestle design has been put on hold until this idea has been explored.

6. Location of Lateral Boxes

Lateral boxes 1-HH and 1-JJ are located near existing railroad tracks. The hole that needs to be dug to build these boxes is too close to the railroad tracks for safety.

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Relocation of these boxes or even possible elimination is to be reviewed to alleviate this problem. Nelson and Lichtenheld.

7. Schedule

Alberici furnished a revised schedule for review. After discussion, they will revise the schedule by adding some refinements and spreading it out more on the computer run to make it more readable.

8. Nelson published the Safety and Health Plan document dated 10/05/84. Copies of this document are attached.

9. Lichtenheld has given Alberici information on the flows on the sewer lines.

The next progress meeting will be held at the construction trailers at 9:00 a.m. on Thursday, October 18, 1984.


Gordon

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Attachment

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